GOVERNMENT OF INDIA
POWER
LOK SABHA

STARRED QUESTION NO:337
ANSWERED ON:13.03.2003
ANNUAL ELECTRICITY CONSUMPTION RATE
DALPAT SINGH PARASTE;V. VETRISELVAN

Will the Minister of POWER be pleased to state:

(a) whether the Government have estimated the annual electricity consumption rate and per capita consumption of power in the country in the forthcoming years;

(b) if so, the details thereof;

(c) whether the Government have set any target for increasing the rate of annual power generation during Tenth Plan after estimating the extent of shortage of supply in comparison to demand of electricity;

(d) if so, the details thereof; and

(e) the plan of the Government to meet this target?

Answer

THE MINISTER OF POWER (SHRI ANANT GANGARAM GEETE)

(a) to (e) : A Statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF STARRED QUESTION NO. 337 TO BE ANSWERED IN TH LOK SABHA ON 13.03.2003 REGARDING ANNUAL ELECTRICITY CONSUMPTION RATE.

(a) to (e) : The Electric Power Surveys conducted by the Central Electricity Authority (CEA) estimate demand in the country.

According to the CEA, the estimatedper capita consumption of electricity in the country during the year 2001-02 on the basis of net generation of electricity works out to 404 Kwh.

A capacity addition target of 41,110 MW for the 10th Plan has been set. With the attainment of the 10th Plan capacity addition target, the per capita consumption at the end of the Plan is expected to be 481 Kwh.

For achieving the 10th Plan capacity addition target, an effective two tier monitoring system has been evolved. Central Electricity Authority (CEA)reviews the progress of projects under implementation on a monthly basis. Secretary (Power) conducts a similar review every quarter. Besides, for each project, a nodal officer has been designated in the CEA who monitors the projects under his charge on day to day basis with a view to facilitating resolution of bottlenecks through interactions with the concerned agencies at appropriate levels.

In addition to the benefits from new generating capacity, the power supply position is expected to further improve through :

? An additional capacity of 3000 MW is expected to come from renewable sources of energy. In addition, supply of 1000 MW from Tala Hydroelectric Project in Bhutan is expected in the 10th Plan.

? Undertaking energy conservation measures for which the Energy Conservation Act has been enacted and the Bureau of Energy Efficiency constituted.

? Reducing technical losses in distribution. The Accelerated Power Development and Reforms Programme (APDRP) is designed for the attainment of this objective.

? Undertaking Renovation & Modernisation (R&M) of existing powerstations which combined with improved Operation and Maintenance practices would lead to higher availability and generation.

? Export of power from surplus to deficit region through the gradual development of a National Grid to optimize utilization of generating capacity on an all India basis.

Installation of captive generating plants. The new Electricity Bill provides for aliberal framework for construction of captive power plants freely.